

FALCON



A bit of backstage info... back in 2016 we built a custom amp that was designed to morph between the sounds of a 5E3 Tweed Deluxe and a 6G2 Brownface Princeton. We liked the sound and feel of the amp so much that we decided to capture it in a pedal format.

Falcon was designed as a painstakingly close emulation of the circuits found in these amps. With every detail in mind we copied the behavior, sound and feel of the preamp, phase inverter and power amp of both these designs. Applying JFET technology we managed to recreate not only the overdriven sounds but the lower gain / clean sounds as well.

The most important part was emulating the compression and sag coming out of the power amp and tube rectifier respectively. This effect enhances the pedal's dynamic, musical feel and makes it very responsive to your picking attack. Depending on amp mode setting and your guitar / pickup's output this effect can be more or less pronounced.

Controls:

'55 / '61 amp mode switch. Morph between Tweed Deluxe ('55) or Brownface Princeton ('61) sounds.

'55 mode has a bit more gain and low end ooomph designed to make even the weakest guitar sound HUGE. You will also notice way more sag / compression, emulating the cathode bias power tubes of the Tweed Deluxe compared to the fixed bias power tubes of Brownface Princeton ('61) sounds.

'61 mode has lower gain for that cleanish or slightly overdriven brownface sounds.

Volume: Just like in the original amps it controls the amount of gain. The gain range of the pedal depends on the output of your guitar's pickup and your picking technique.

Tone: Falcon's tone circuit was designed to behave exactly like the tone control in these amps. Set below half point to smooth out your tone or past half point to boost upper frequencies and give a bit of extra gain / bite. It is highly interactive with the volume control - at higher volume settings the effect of this knob is really subtle.

Output: Set the output of the effect to match bypass level or boost your amp if needed.

True Bypass footswitch: Your Falcon features silent relay true bypass switching that will automatically switch to bypass at the event of a power supply failure.

Power Supply: Use an external 9V DC regulated and filtered power supply (- center, + ring). Max current consumption 40mA @ 9V DC.

Using a power supply of +10V DC or more may cause severe damage to the pedal and void warranty.

Warranty: Falcon comes with 5 years warranty. We will provide service/repair at no cost for all internal parts, within 5 years from date of manufacture - buyer is responsible for shipping costs. This warranty excludes damages done due to misuse or improper handling.

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